User Guide
WorldNav 3100

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WorldNav 3100

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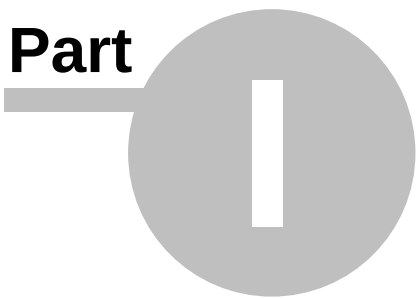

1 Introduction

1.1 Disclaimer

Use the WorldNav 3100 at your own risk. To reduce the risk of unsafe operation, please carefully review and understand this user manual.

It is the user's responsibility to use this product prudently. This product is intended to be used only as a navigational aid and must not be used for any purpose requiring precise measurement of direction, distance, location, or topography. Statistics provided such as trip time are best estimates and may not accurately reflect true conditions.

The Global Positioning System (GPS) is operated by the United States Government, which is solely responsible for its accuracy and maintenance. The system is subject to changes which could affect the accuracy and performance of all GPS equipment.

For use in vehicles, it is the sole responsibility of the owner/operator of the TeleType GPS WorldNav 3100 to place and secure the GPS unit so that it will not interfere with the vehicle operating controls and safety devices, obstruct the driver's view of driving conditions, or cause damage or personal injury in the event of an accident. Do not mount the TeleType GPS WorldNav 3100 in a place where the driver or passengers are likely to impact it in an accident or collision. The mounting hardware supplied by TeleType Co. is not warranted against collision

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damage or the consequences thereof.

When used in vehicles, it is the sole responsibility of the driver of the vehicle to operate the vehicle in a safe manner, to maintain full surveillance of all driving conditions at all times, and not become distracted by the GPS system to the exclusion of safe driving practices. It is unsafe to operate the controls of the GPS system while you are driving. Failure by the driver of a vehicle equipped with a TeleType GPS system to pay full attention to operation of the vehicle and road conditions while the vehicle is in motion could result in an accident or collision with property damage and personal injury.

IN NO EVENT SHALL TELETYPE CO BE LIABLE FOR ANY INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES, WHETHER RESULTING FROM THE USE, MISUSE, OR INABILITY TO USE THIS PRODUCT OR FROM DEFECTS IN THE PRODUCT. SOME STATES DO NOT ALLOW THE EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

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1.2 Welcome

Congratulations on purchasing the TeleType WorldNav 3100! This document will provide you with information on how to use the GPS.

1.3 In the Box

Upon receiving your WorldNav 3100, open the box to find the following items:

- WorldNav 3100 Touch Screen GPS
- Car Power cord
- USB Sync cable for computer connectivity cord
- Windshield mount
- Dash mount adapter
- Carrying bag
- User Guide
- Quick Start Guide

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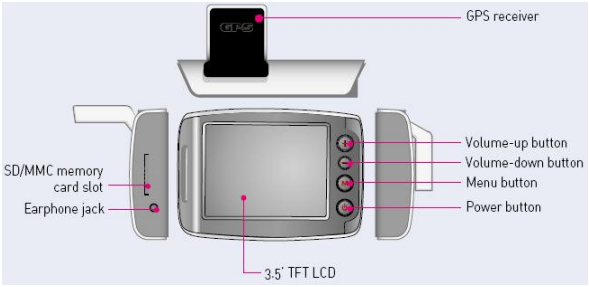
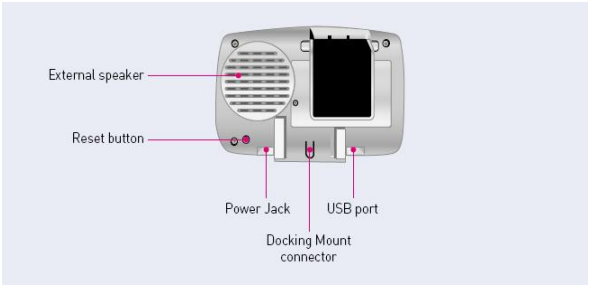
1.4 Your WorldNav 3100 GPS System



Front of your WorldNav 3100



Back of your WorldNav 3100

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1.5 Quick Start Method

1. Plug in the WorldNav 3100 to the 12v car power lighter in your vehicle. In order to charge the unit while driving, plug the power cord into the hole on the bottom right side of the GPS. The GPS will charge when your car is on. If the WorldNav does not turn on immediately, press the Reset button located on the back of the GPS. The reset button will not erase any of your saved history or points.

2. Your WorldNav includes a pre-configured Secure Digital card with maps and points of interest pre-installed. The card has already been inserted into the GPS. Removing the card will result in the GPS becoming non-operational. If in addition you have purchased an expansion SD Card, to insert your Secure Digital Card in the side of the GPS, make sure the metal connection points on the card match with those visible inside the device. To remove the card press down on the card, it will pop up and you can then remove the card from the slot.

Secure Digital Card

3. Attach your GPS system to the windshield by putting the suction cup on the window (moisten cup if necessary) and then by using the flip button next to the suction cup to achieve suction. Rest the GPS on the dash to help stabilize it against

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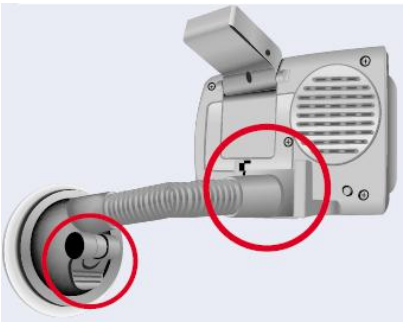
vibration.

4. Flip the built-in receiver up and pointed towards your windshield. The WorldNav 3100 will automatically lock into your GPS position; there is no configuration required. The GPS will know your direction of travel only once you begin to move.



Mounted WorldNav 3100

5. From the Main Menu Screen select <Navigation>.

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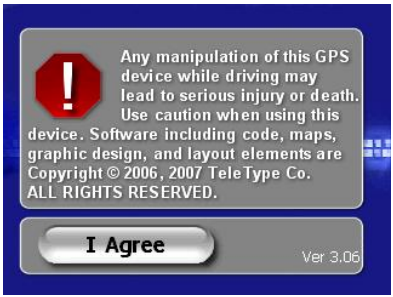
Device Main Menu Screen

6. Press the <I Agree> button to start using the GPS Device.


Any manipulation of this GPS device while driving may lead to serious injury or death. Use caution when using this device. Software including code, maps, graphic design, and layout elements are Copyright © 2006, 2007 TeleType Co. ALL RIGHTS RESERVED.
I Agree
Ver 3.06

Disclaimer Screen

7. If the GPS has not yet locked into position, you will see <Where To> and <Menu> at the top of the map screen. The map will display your last position centered in the "target" [+] area.

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Press <Where To> on the screen to get to the navigation screen.

Main Mapping Screen

7. Put in your destination by Address, Intersection or POI (point of interest).

8. The map route from your current location to the selected location should be displayed.

New Route
Start Address:
20 Providence St\Park Plz, Boston, MA 02116, United States
End Address:
151 Tremont St, Boston, MA 02111, United States
Create Route

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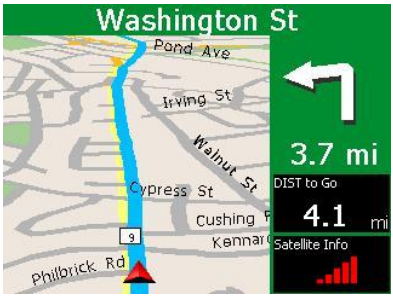
Routing from your last known position

9. If the GPS is locked into position you will hear "GPS position fixed, ready to navigate." The <Where To> and <Menu> buttons will disappear.



Sample Routing Screen with Navigation Panel

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Part

2 Getting Started

2.1 Main Menu Review

The WorldNav 3100 main menu is accessed anytime you press the <Menu> button on the touch screen. There are twelve entries on the Main Menu which are spread out over 3 screens:

Main Menu Screen One

- Find—lets you into the Find Wizard, situated on two separate screens, in which you can locate an Address, Point of Interest (POI), Home, Intersection, listed My Point or view your Find History.

- Info—provides information on your current location.

- My Points—allows you to mark or manage your My Points (favorites) and set your Home address.

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- Route Menu—lets you into the Route Menu, situated on two separate screens, in which you can view a route, create a new route, clear an existing route, reroute, start a simulation route or select route settings where you can indicate your preference of quickest path, shortest path, avoid highways, or truck route. (Details in Section 4.2)

Main Menu Screen Two

- 2D/3D—to change between two and three dimensional views. Note: You will not see the names of most roadways on the 3D view but the map will look more realistic.

- Units—lets you choose to navigate in either English or Metric units.

- POI's—puts you into the POI Display Menu screen to adjust the Restaurant display, Transport display and Other POI display.

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- Day/Night—switches from a night screen to a day screen and vice versa.

Main Menu Screen Three

- Trip Stats—shows you trip statistics such as total time and distance traveled.

- Voice—allows user to change the voice of the WorldNav 3100.

- Nav Panel—lets you set two identifying panels on your navigation screen including distance to go, speed, odometer, heading, satellite info and arrival time.

- GPS Status—provides GPS information such as latitude, longitude, elevation, speed, heading, date/time and strength of signal.

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2.2 Navigation Overview

Now that you are familiar with WorldNav 3100 features you are ready to begin navigating. When you turn on your device the GPS will search to acquire satellite signal. Once you have picked up signal you can simply press <Where To> and enter a destination to navigate from your current location. If you are indoors or unable to pick up satellite signal, you may want to set your home address manually. You can also create routes by entering start and end addresses for later use.

When you are driving, the screen will display your location in route and you will be given voice instructions for when and where to turn. Your destination will be indicated on the map with a checkered flag. Once you have reached your destination the route will be cleared and will be ready to navigate to your next destination.

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2.3 Set Home Address

When you travel away from home it is convenient to be able to route "Home" easily. You need to set your home address in the "My Points" Submenu by pressing <Set Home>. Follow these directions.

Main Mapping Screen

1. Press <Where To> on the main mapping screen, which will take you to the Find Wizard Menu. You will be prompted to select one of the following: POI, Address, Home, Intersection, History or My Points. Select <Address>. Note: You can also get to the Find Wizard Menu when you press <Find> in the main menu.

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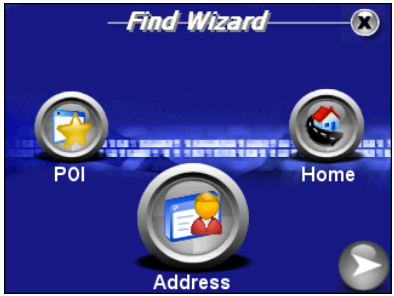

Find Wizard Menu

2. You will now be asked to enter the address of your destination. The WorldNav is equipped with Smart Search Technology that will automatically generate possible States, Cities and Street names based on the first few letters of your entry. The following illustrates the address search for 151 Tremont St, Boston, MA. Note: To select a result, simply touch the check mark icon next to your selection.

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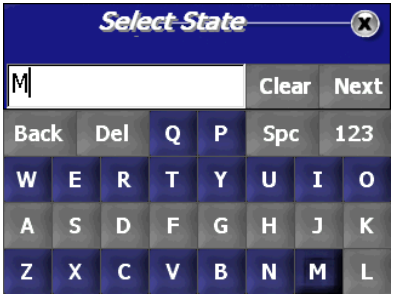
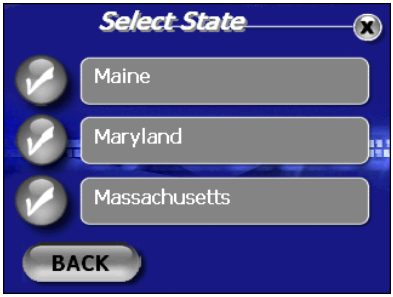


Start to Enter State



Select from Possible States

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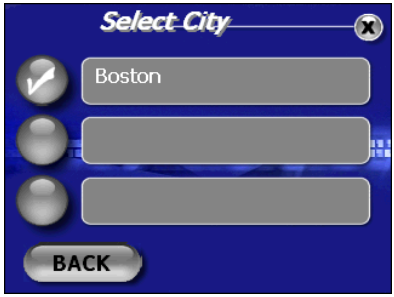
Start to Enter City



Select from Possible Cities

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Start to Enter Street Name

Select from Possible Streets

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House Number

3. The WorldNav 3100 will generate search results based on your entry. Select your destination by touching the appropriate check mark.

Select Address
151 Tremont St, Boston, MA 02111, United States
151 Tremont St, Brighton, MA 02135, United States
151 Tremont St, Walpole, MA 02081, United States
BACK

Select Address

4. The Start Address will automatically display your current location. If you would like to modify your Route at this point, you can touch the magnifying

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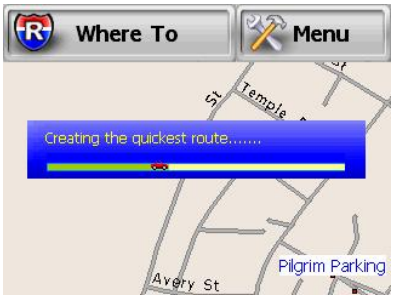
lens icon located to the left of the End Address. This will take you back to the Find Wizard where you can enter a new destination. Once your desired End Address is displayed, press <Create Route>.

New Route
Start Address:
20 Providence St\Park Plz, Boston, MA 02116, United States
End Address:
151 Tremont St, Boston, MA 02111, United States
Create Route

Route Start and End Addresses



Creating Route

5. Drive. The GPS will prompt you at turns and you

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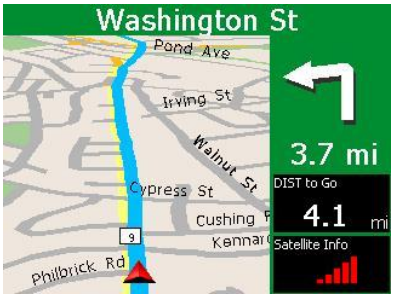
can follow the distance remaining or whatever other parameters you chose in the Navigation Panel. You can also see the turn by turn maneuver list by pressing <Route> and then <View Route>.



View Route Results

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2.4 Routing to an Intersection

This allows you to create a route to a street intersection if you don't know the exact address of where you are going. Note: Intersections are for streets only. The intersection feature cannot be used for highways or freeway intersections (exits).

1. Press the <Menu> button and then the <Find> button.

Main Menu and Find

2. This will put you into the Find Wizard where you can use the right arrow icon to scroll to the second screen and then press the icon labeled <Intersection>. Note: In this illustration the WorldNav will locate the intersection of *Beacon* and *Park* Street.

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Find Wizard Menu

3. You will be prompted to enter the first street beginning with the state, the city and finally the street name. Press <Next> between adding the various components of the address until you get to street name. You make your selection by touching the check mark next to the street name in the list of possible streets.

Selecting First Intersection Street

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4. You will now be asked to type the name of the Second Street you are looking for. After you enter the Street name press <Find>.

Entering Second Intersection Street

5. Look at the list of possible selections. Pick one and press the check mark icon to see the intersection on a map.

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Select Correct Intersection

6. You can now display the route to this intersection from your current location simply by pressing <Create Route>.

Create Route Details

7. You will automatically be taken into driving mode and guided to your destination. If you would like to view the route you can select <View Route> from the Route Menu at any time.

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View Route

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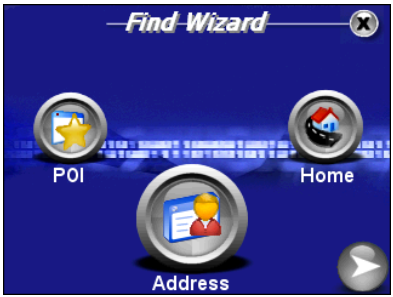
2.5 Routing Using POIs

A POI is a point of interest (or a business) such as a restaurant or gas station.

1. Select <Menu> and then <Find>.



Find Wizard

2. In the Find Wizard, select <POI> or point of interest.

3. You can now touch the right and left arrow icons in order to select your POI search option. You may choose from <Anywhere> , <By Phone Number> or <By Nearest>. When your preferred Route option is displaying in the text field, press <OK>. Note: The search <By Phone Number> option will only generate results for the Premium WorldNav.

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POI Search Option Screen

4. Select <By nearest> for the purposes of this tutorial. Use this when you don't know the address or need to find something close by.

5. Select a category such as Automotive, Food & Drink, Business, Education, etc. If you are unsure, select the category "All."

Select POI Category

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6. Select <Food & Drink> for the purposes of this tutorial by touching the check mark icon to the left of the category.

7. You may now browse all Food & Drink subcategories to search from by touching the down arrow icon located in the bottom right hand corner of the screen. You may also select <All> for to search all types.

Select POI Subcategory

8. You will be prompted to enter a POI name to search. You may skip the entry of a name to view all results from this category. Press <Next>.

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Search POI by Name

9. The generated results will be listed according to the distance they are from your current location. Distance and direction of each POI is displayed. Select a POI from an existing result by touching the corresponding check mark.

Select POI

10. After selecting a POI you will be brought to the

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Find Result Screen where you can select an action to take. Using the right and left arrow icons you will choose <Show>, <Mark> or <Route To>

POI Options

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2.6 Finding a My Point

If you have created a My Point (to be explained later), you can find it in the Find Wizard Menu.

1. Press <Menu>, right arrow icon, then <My Points>.

Find Wizard Menu

2. You are brought to the Manage My Points Screen. Press the corresponding check mark to proceed.

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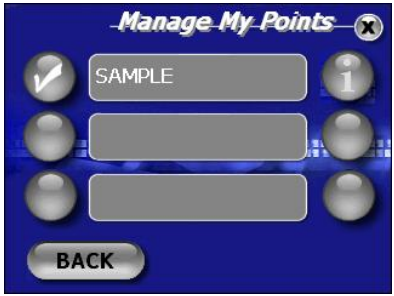
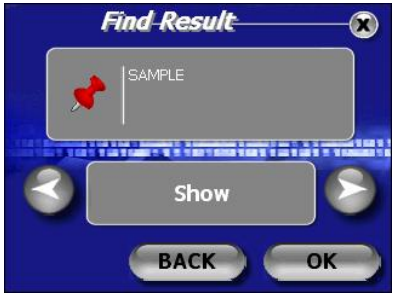


Manage My Points

3. Press the right and left arrow icons to choose to either <Show> or <Route To> your My Point. Press <OK>.



Finding a My Point

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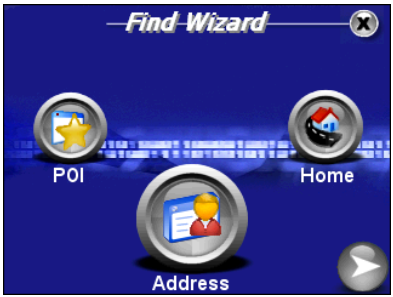
2.7 Finding or Routing To an Address

Press <Menu>, then <Find> to get to the Find Wizard Menu.



Find Wizard Menu

1. Press the <Address> button. You will be prompted to enter an address in the usual fashion beginning with the State. The Smart Search feature will generate results for each component of your address entry based on the first few letters you type.

2. For street names that include direction (N, S, SE, NW, etc...) and/or numbers, (5th Ave, 32nd St, etc...), you will need to switch between the alpha and numerical keyboard displays. This can be done by simply pressing the <123Ñ> and respective <abc> key once. As an example we will look up *918 S 1st Ave, Coatesville, PA*.

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Enter Direction then Press <123Ñ>

Enter Numerical Portion then Press <abc>

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Continue Street Entry

Select Street Name

3. Continue entering the street address by entering the House Number and then press <Next> and select the address from the results.

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Enter House Number

Select Address
918 S 1st Ave\1st Ave, Coatesville, PA 19320, United States
1050 S 1st Ave, Coatesville, PA 19320, United States
38 S 1st Ave, Coatesville, PA 19320, United States
BACK

Select Address from Results

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2.8 History

You may view your Find History by selecting <Find>, right arrow, and then <History>. From here you may press a corresponding check mark to show the address, delete a listing, or view more listings within the history. Press the recycle bin icon to delete the entire history.

Find History
151 Tremont St, Boston, MA 02111, United States
Chicago, IL, United States
Sneaky Pete's, 26 Lagrange St, Boston, MA 02116 (617-
BACK

History of Previous Routes

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2.9 Reroute and Clear Route

The <Reroute> function is intended for manual use in case you prefer to create a new route without waiting for the GPS to reroute you to a new path. If you are on a route and have strayed more than 300 feet from it, press <Menu>, <Route Menu>, right arrow icon, and finally press <Reroute>. Your position must be locked/ motionless when you activate this function. It will create a new route based on your current position. If you want to clear the route you have created, press <Clear Route>. Note that the GPS will automatically determine a new route for you to follow if you stray from the original path.

Select Reroute

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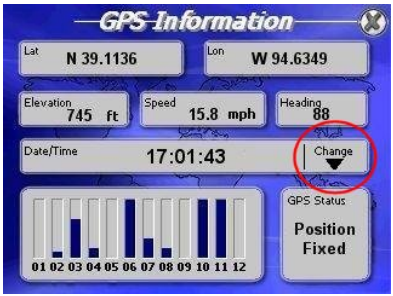
2.10 Your GPS Settings

GPS Information. Press <Menu> to get to the main menu and then scroll to the third by pressing the right arrow icon twice. Press <GPS Status>. This will bring you to the GPS information screen showing your latitude, longitude, elevation, speed, heading (direction of travel), date/time, the total number and strength of satellite signals. Note: See Section 4.7 to adjust time.



GPS Information Screen

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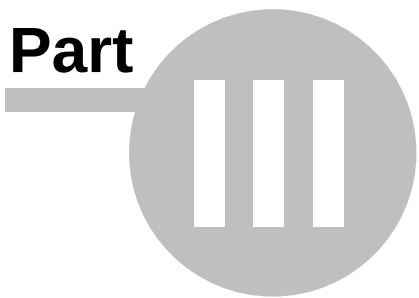
Part



3 Working with My Points

3.1 Create a My Point

A "My Point" is a position marker that can be used to help create a route or mark a position for future reference. You can think of the My Points area as a listing of your favorite places. You can create My Points regardless of whether the GPS device is active or inactive. If you are centered on a position that you would like to create a My Point for, press <Menu> , <My Points> and then <Mark Position>. The Mark Position Screen will come up allowing you to enter a name, and then you may assign an icon to your new My Point from the icon gallery. The position will now be saved as a My Point.

3.2 Mark My Point at Current Position

Press <Menu> and then <My Points>.

My Points Menu

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1. Press <Mark Position> to mark your current position.

2. Enter the name for your current position and select an icon to represent the position.

Naming a My Point

Selecting a My Point Icon

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3. Your current position will now be recorded as a My Point and will appear on the screen as the icon you selected.

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3.3 Editing My Points

To edit your My Points, press <Menu> and then <My Points>. This will take you to the My Points menu.

1. Select <Manage>. This will take you to a screen entitled "Manage My Points". Select the "i" icon next to the My Point you wish to edit.

Editing your My Points

2. Change the name of the My Point by pressing the <Name> field and type the new name when prompted. You can also press the <Icon> field which will bring you to the icon gallery where you can assign a new Icon to illustrate your My Point.

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My Point Details

3. When you are finished with any edits to that particular My Point, press <Back>.

4. To view your edited My Point press the check mark icon next to it. This will bring you to the Find Result Screen. With the "Show" option displayed in the text field, press <OK.>. This will take you to the map with your My Point centered on the screen.

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Find Result - Show My Point

My Point on Map

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3.4 Deleting a My Point

1. Press <Menu> , <My Points>, <Manage My Points> and then press the "i" icon next to the My Point you wish you delete.

Manage My Points Menu

2. In the My Points Details, press <Delete>. The selection will now be removed from the list of My Points.

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My Point Details

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Part IV

4 Navigation Preferences

4.1 Choosing a System of Units

Specify whether the WorldNav should display measurements in Metric or English units.

Main Menu - Units

1. Press <Menu>, right arrow icon and then select <Units>.

2. You can switch between Metric and English units by pressing the arrow icons. Select one and then press <OK>.

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System of Units

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4.2 Selecting Route Preferences

This allows you to have your routes selected as the quickest path, the shortest path or a route that avoids major highways.

1. Press <Menu>, <Route Menu>, right arrow, and then <Settings>.

Route Menu

2. You will be brought to the Route Settings Screen where you can select your route preferences. Enabled Auto-Zoom and Allowing Toll Roads are indicated by a blue check mark. You can deselect these options by pressing the icon once. A grey "x" icon will display when the feature is not activated.

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Route Settings

You also have the choice of four Route methods. Use the right and left arrow icons to choose from:

Quickest Path - fastest route regardless of distance
Shortest Path - shortest distance regardless of speed
Avoid Highways - no highways included in route
Truck Route - creates route favoring freeways

3. When the Route Setting screen displays your desired routing preferences, press <OK> to apply.

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4.3 Selecting Navigation Panel Preferences

The name of the next street you must turn onto is displayed at the top of the Nav Panel. The distance to your next turn, as well as a directional arrow, are shown on the upper right section. A checkered flag will appear in the same section when you reach your destination. The two other information areas in the bottom right of the Nav Panel can be customized.

1. Press <Menu>, scroll to the third Menu screen by using the right arrow icons, and then press <Nav Panel>. You can choose two values to be display in the Navigation panel in either the Upper or Lower Panel.

Navigation Panel Preferences

2. In the Navigation Panel Menu, you can scroll the Upper and the Lower panel to select one of the following trip information items:

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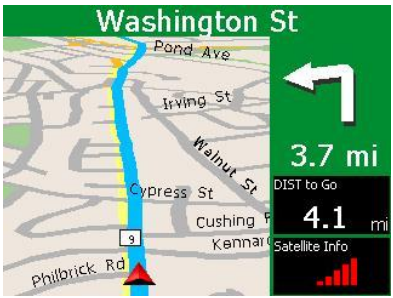
- **Arrival time:** Estimated time of arrival.
- **DIST to go:** Distance to go.
- **Heading - Degree:** Directional heading focused on degrees, such as 270º
- **Heading - Text:** Directional heading focused on text, such as *West*
- **Odometer:** Odometer.
- **Satellite Info:** GPS signal strength.
- **Speed:** Ground speed.
- **Time:** GPS (UTC) time.
- **Nav Panel:** Choose from Big Map, Big Panel or Hide Panel. (*Big Map* devotes more space to the map area with a narrower Nav Panel. *Big Panel* displays a wider Nav Panel with a reduced map size. *Hide Panel* displays no Navigation stats.)



Navigation Panel While Driving

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4.4 Setting the POI Preferences

Choose the types of POIs that you would like to appear on the map. For the purposes of this tutorial, let's decide the restaurant types you like.

1. Press <Menu>, right arrow icon, and then <POI's>.

Select POI's

2. Select <Restaurant>.

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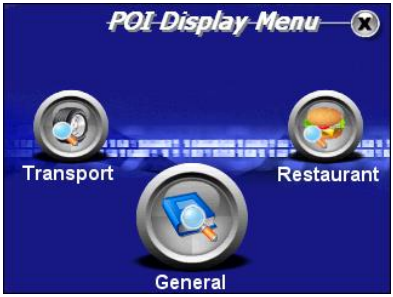

POI Display Menu

3. Scroll the menu using the up and down arrow icons to view the restaurant options. The choices listed will appear next to a grey "x" icon. This indicates that the item is not selected. To select an item, tap the icon once. It will now appear as a blue check mark. This indicates that the particular item is now selected. You may unselect the same item by tapping the blue check mark icon, which will then return to the unselected grey state. Once all of your selections are highlighted, press <OK>.

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Restaurant POI Display Preferences

4. You can do the same for Transport display and General POI display. Only the items you select will be displayed on the map. For example, if you unselect all preferences except for the restaurant category, only your selected restaurant POI's will be displayed on the map.

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4.5 Auto Zoom

Auto-Zoom will automatically change your map zoom level depending on your speed. It will zoom in when you slow down and zoom out when you speed up.

1. Press <Menu>, <Route Menu>, right arrow icon and then <Settings>.

Route Menu

2. Press the corresponding icon next to <Enable Auto-Zoom> to turn on/off the Auto Zoom feature. A blue highlighted check mark icon indicates a feature is turned on. A grey "x" icon indicates a feature is turned off.

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Auto Zoom

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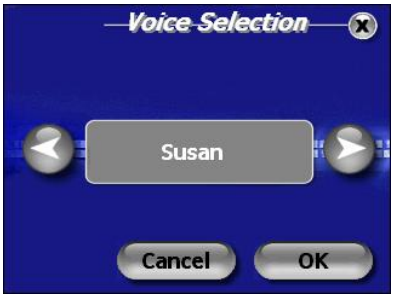
4.6 Changing the Voice

Select the Voice that guides you during travel. Press <Menu>, <Route Menu>, use the right arrow icons to scroll to the third screen and then press <Voice>. This takes you to the Voice Selection screen where you select the voice you would like to hear while navigating. Use the right and left arrow icons to make your selection. When your preferred voice is displaying in the text field press <OK>.



Voice Selection Screen

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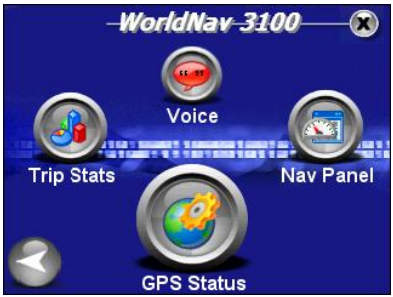
4.7 Changing the Time

The GPS has preset time to U.S. East Coast. To change that the time your GPS position must be locked in.

1. Press <Menu>, use the right arrow icons to get to the third Menu screen and then press <GPS Status>



Select GPS Status

2. The GPS Information screen will appear. Tap on the Date/Time field to adjust the time.

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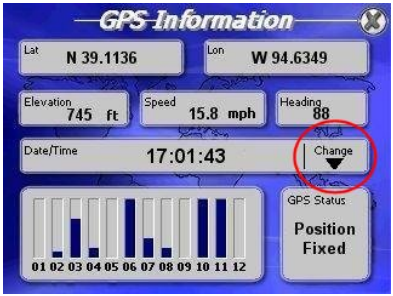

GPS Information Screen

3. Click on the + and – buttons to change the hour accordingly.

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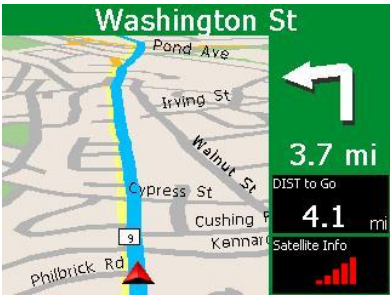
Part V

5 Special Features

5.1 2D/3D Views

Your map can be shown in two dimensions where the streets are clearly marked. This looks like a regular map. For 3D mode, only the main streets are labeled but the map more clearly displays what your route looks while driving.



Routing in 3D Mode

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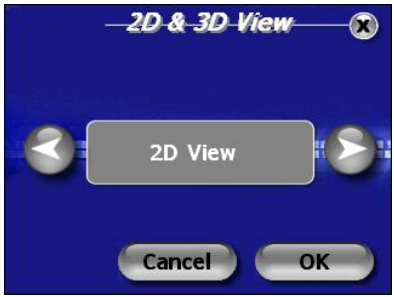
Routing in 2D Mode

To change from either Routing Mode press <Menu>, right arrow icon and select "<2D/3D>. From the 2D & 3D View Screen you are able to use the right and left arrow icons to display your desired setting. Press <OK> to apply your preference.



Select View Mode

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5.2 Day/Night Mode

Your map has the ability to have a black background and blue streets for night vision and a white background with gray streets for day vision.

Select <Menu>, right arrow icon and then select <Day/Night>. You can also select <Auto Mode> which automatically switches from day to night (and vice versa) based on your current GPS position (lat/long). When your preferred mode is displayed in the text field press <OK> to apply the setting.

Select Night Vision

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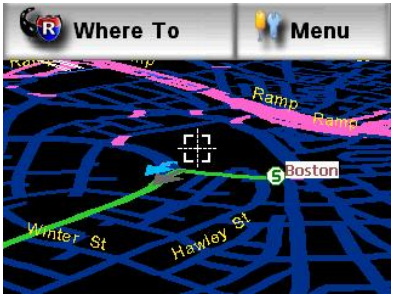

Night Mode Map

© 2007 TeleType Co.

5.3 Trip Information

Review trip statistics including speed, distance to go, estimated time of arrival, time, odometer and trip timer simultaneously.

Press <Menu>, then use the right arrow icon to get to the third Menu screen and then press <Trip Stats> to see the Trip Statistics screen.

Trip Statistics Screen

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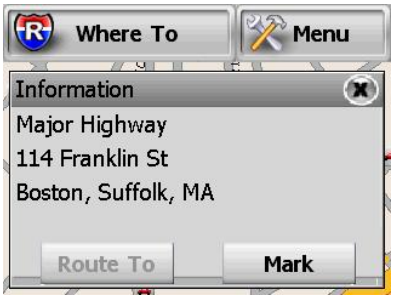
5.4 Map Information

If you press <Menu> and then <Info> the GPS will display the best estimate of your current location.



Map Information Screen

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5.5 Simulating a Route

You can simulate a previously created route to preview what it will look like while you are driving.

1. Press <Menu>, <Route Menu>, right arrow icon and then press <Simulator>.

Select Simulator

2. The simulation will automatically begin.

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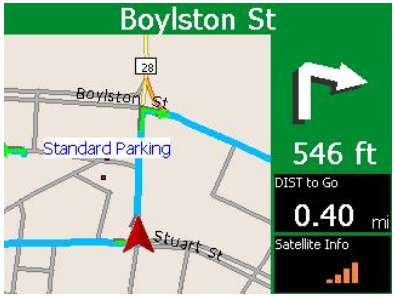
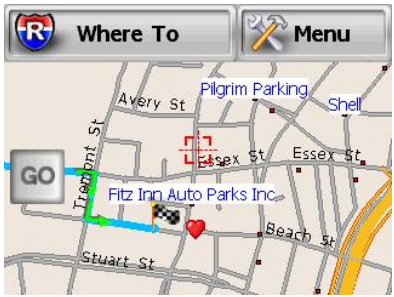


Simulation Mode

3. To end the simulation, simply tap the screen once. You may resume the simulation mode by touching <GO> located on the left side of the screen.



Press GO to Resume Simulation

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5.6 Changing the Adapter Fuse

In the event that the power cable fails to power the GPS you can replace the fuse. The end of the car power lighter adapter unscrews, revealing a fuse just inside the cover. Replace the fuse with a functioning fuse. Replacement fuses (2 Amps) are readily available from electronics stores.

Replacing the adapter fuse

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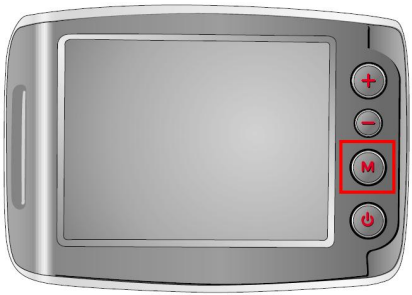
5.7 Main Menu

Pressing the <Main Menu> hardware button allows you to exit the navigation program but does not shut off the GPS altogether. You may want to use this function to allow access to the Hardware Setup, MP3 Player, Video player, Picture Viewer, or Feature Demo.



Hardware Menu Button

Main Menu

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Part VI

6 Media Players

6.1 MP3 Player

1. Ready to play music or heard a podcast? Press the <Main Menu> hardware button, and then press the <MP3 Player> button.

MP3 Player Button

2. Below is a diagram of all the MP3 player buttons and their functions.

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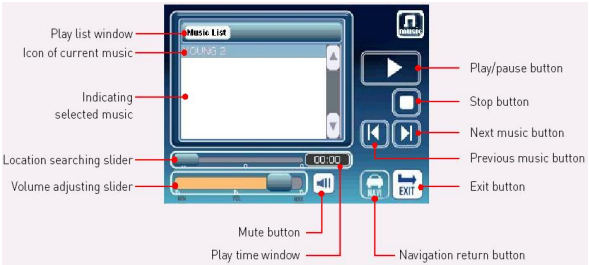

MP3 Player

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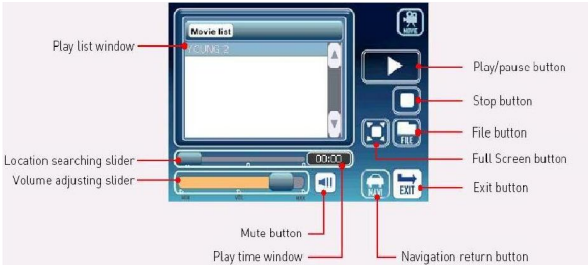
6.2 Movie Player

1. Want to see a movie when you're not driving? Press the <Main Menu> hardware button, and then press the <Movie Player> button.

Movie Player Button

2. Below is a diagram of all the movie player buttons and their functions.



Movie Player

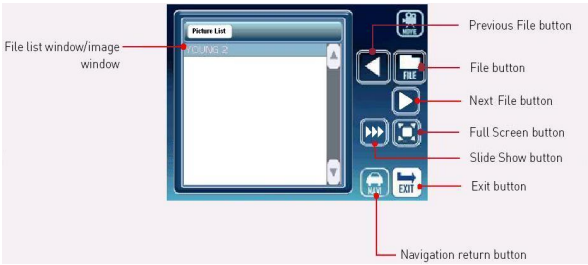
© 2007 TeleType Co.

6.3 Picture Viewer

1. Would you like to share your favorite pictures while traveling? Press the <Main Menu> hardware button, and then press the <Picture Viewer> button.

Picture Viewer Button

2. Below is a diagram of all the picture viewer buttons and their functions.



Picture Viewer

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6.4 Media Transfer

You can use a SD card reader to install MP3s, videos, and pictures on your WorldNav 3100. If you don't have a SD reader you can use the provided USB cable.

1. Plug the WorldNav 3100 into your computer with the included USB cable.
2. You will see two folder prompts come up:

WORLDNAV (L:)
This disk or device contains more than one type of content.
What do you want Windows to do?
Using Windows Media Player
Copy pictures to a folder on my computer
using Microsoft Scanner and Camera Wizard
View a slideshow of the images
using Windows Picture and Fax Viewer
Print the pictures
using Photo Printing Wizard
Open folder to view files
using Windows Explorer
Take no action
OK
Cancel

Auto Play Window

3. Since the drive letters are different on every computer, select the option <Open folder to view files using Windows Explorer> in both windows.

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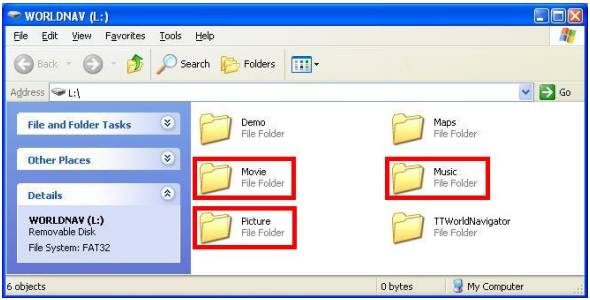
4. You will need to use the window which has the following folders:
   a. Movie
   b. Music
   c. Picture



Movie, Music, and Picture folders

5. Close the other window by pressing the <X> in the upper right corner.

6. Copy the MP3 files you would like from your computer into the folder ‘Music,’ picture files into the folder ‘Picture,’ and video files into the folder ‘ Movie.’

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6.5 Map Transfer

The WorldNav 3100 does not require map transfer. To be informed of future updates, please register your WorldNav 3100 at:
www.TeleType.com/Register

6.6 Extra Media Storage

For additional media storage of music, videos, and pictures, you can choose to use an extra SD card. Please note that while using the extra SD Storage card, you will not be able to use the WorldNav 3100 for navigation. You may also copy the entire contents of the WorldNav SD card to a higher capacity SD card of your choice that has more available memory. (Do not use cards labeled as high capacity.)

1. Insert your own SD storage card into your computer using your own SD card reader.

Secure Digital Card

2. Create the following three folders on your SD storage card:
   a. Movie
   b. Music
   c. Picture

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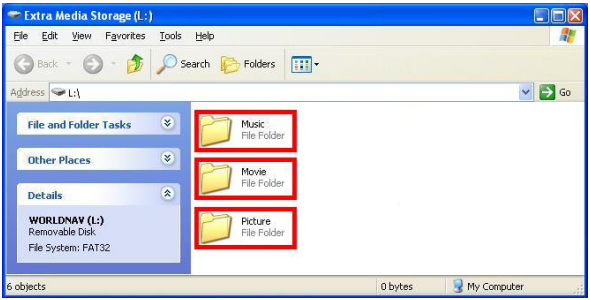

Movie, Music, and Picture folders

3. Copy the MP3 files you would like from your computer into the folder ‘Music,’ picture files into the folder ‘Picture,’ and video files into the folder ‘ Movie.’

4. Turn off the WorldNav 3100 and remove the SD card that is inserted on the left side of the GPS.

6. Insert your own SD storage card into the WorldNav 3100 and reset the device using the hardware reset button.

7. You can now use the music, video, and picture viewer to access the media files on your SD storage card. Remember, while using the extra SD Storage card, you will not be able to use the WorldNav 3100 for navigation.

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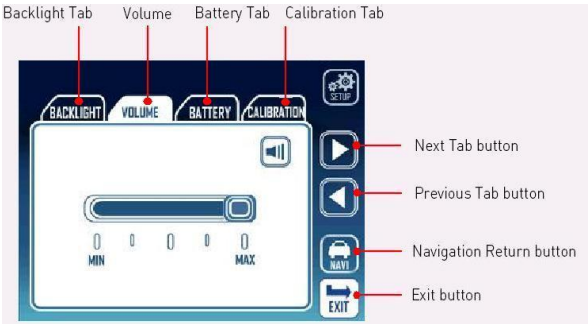
Part VII

7 Hardware Settings

7.1 Settings Menu

Here you can change the brightness and volume, calibrate the screen, and check the battery life.

Hardware Settings Button



Hardware Settings Menu

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7.2 Brightness

1. Press the <Main Menu> hardware button and then <Settings>.

Main Menu - Settings

2. Select the <Backlight> tab and adjust the slider to change screen brightness. A lower Backlight setting will conserve the battery life.

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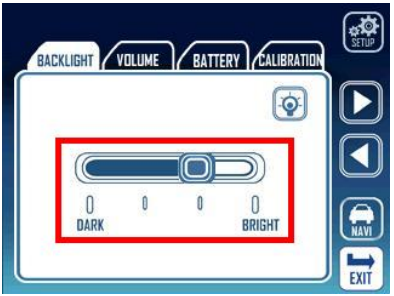

Brightness Screen

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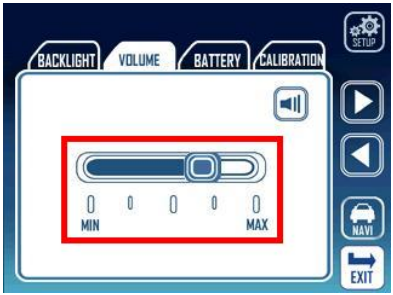
7.3 Volume

1. Press the <Main Menu> hardware button and then <Settings>.

Main Menu - Settings

2. Select the <Volume> tab and adjust the slider to increase or decrease the volume.



Volume Screen

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7.4 Battery

1. Press the <Main Menu> hardware button and then the <Settings> button.

Main Menu - Settings

2. Select the <Battery> tab. The bar shows you how much battery life is remaining. If the device is showing 1/4 or less power remaining you should use the car power cord while driving to recharge the device.

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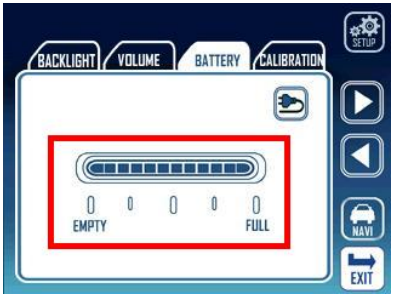

Battery Screen

When the remaining power in the battery is 20~30 % of its full capacity, a warning window is displayed. In such a case, immediately recharge the battery.

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7.5 Unit Charging

Your WorldNav GPS has been tested for functionality. During the shipping process the battery may have become discharged.

1. Plug the power cord into the bottom of the GPS in the hole marked DC 12V. Do not plug the cord into the Audio jack.
2. Press <Reset> button located on the back of the GPS.
3. As you drive, the battery will charge.

The WorldNav 3100 can be charged with an AC/DC adapter or the included car power jack. AC/DC adapters (part # 3020) can be purchased on the TeleType website. Note: If you buy an A/C adapter be sure to choose one that offers 12 volts, 1 amp power. Using lower than 1 amp will not allow the battery to re-charge.

7.6 Calibration

1. If you touch the screen and the wrong letter appears, you may need to calibrate the GPS. Press the <Main Menu> hardware button and then <Settings>.

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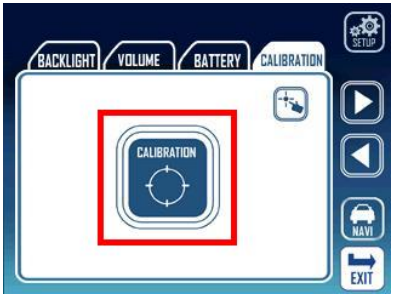
Main Menu - Settings

2. Select the <Calibration> tab and press the <Calibration> button.



Calibration Button

3. Use a stylus (or dull pencil) to press a series of cross-hatches that will appear on your screen to calibrate your screen display. Repeat this process periodically to optimize screen accuracy.

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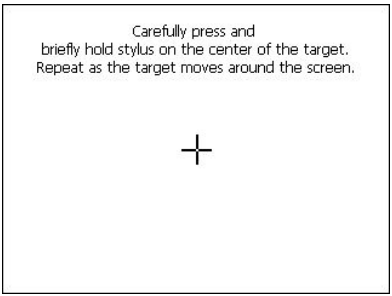

Calibration Screen

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Part VII

8 Power and Battery Charging

External Power Mode:	Power is supplied to the system from an AC/DC adapter or the included car power jack in your car. [Power button] light is red: The battery is being charged. [Power button] light is green: The battery is fully charged.
Battery-powered Mode:	Power is supplied from the battery when an AC/DC adapter or the included car power jack is disconnected. [Power button] Green light blinks: Remainder battery is more than 50% of its full capacity. [Power button] Red light blinks: Remainder battery is less than 50% of its full capacity.
Power-saving Mode:	Pressing [Power button] switches the system to the power-saving mode. Pressing the power button again returns the system to the operation mode.
Forced Power-saving Mode:	When the remainder power in the battery is 20~30 % of its full capacity, the warning window is displayed. In such a case, immediately recharge the battery. If the battery is almost discharged, it enters forced power-saving mode automatically.

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Conserving Battery: To conserve battery life you need to completely turn off your GPS rather than simply turn the screen off. Press the Reset button, located on the back of the device, for three seconds or until the device shuts off. To turn the GPS back on, press the reset button once. You will not lose any data in the process, all addresses and routing will be retained.

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Part IX

9 Device Specifications

Physical Specifications:

Storage:	Secure Digital (SD) storage card.
Processor:	Samsung S3C2440 300MHZ
Operating System:	Microsoft® WinCE.NET 4.2
Display Screen:	Samsung 3.5 inch color TFT touch screen
Memory:	64MB SDRAM 32MB Flash ROM
Expansion Slot:	SD/MMC Slot for map and music storage
Audio:	Built-in Speaker 3.5mm Stereo Headphone Jack
GPS Chipset:	20 Channel SiRF III
Input Method:	Stylus Pen, Touch Screen, Key Button
External Ports:	Mini USB (ver 1.1) connector
Power Supply:	12~24V / 2A
Dimension (HxWxD):	3.12 x 4.37 x 1 inches / 79.24 x 110.99 x 25.4 mm
Weight:	6 ounces / 170.1 grams
Operating Temp:	Optimal: -4 F to 158 F (-20 C to 70 C) Maximum: 176 F (80 C)

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Part X

10 Troubleshooting Questions

1. **How do I charge my device?** The WorldNav 3100 can be charged with an AC/DC adapter or the included car power jack. AC/DC adapters can be purchased at the TeleType GPS website.

2. **I can't get my device attached to the windshield.** Place the suction cup firmly on the window and flip the black switch which draws suction from the cup to attach the device. In cooler or drier conditions, you may need to warm the windshield or moisten the suction cup for maximum seal.

3. **When I touch the screen, the proper button doesn't light up.** The screen may need to be recalibrated. Please see the 'Calibration' section under 'Hardware Settings' for how to calibrate your touch screen.

4. **Does the USB cable charge the device?** The USB cable is for connectivity. It cannot charge the GPS.

5. **Why aren't the streets labeled?** In 3D mode, only major thoroughfares are shown. Change to 2D mode and manually adjust the zoom level to get more labeled streets.

6. **What do I do if I change my destination during a route?** Press <Menu>, then <Route> and on

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the second screen, press <Clear Route>. Alternatively, use the <New Route> feature to create a new route; the old route will be cleared from the display automatically.

7. **What if the GPS can't locate my destination address?** Some addresses may not be listed. Change the route to locate the nearest intersection, or nearest town instead.

8. **What if it seems the device is not showing my true location?** Sometimes, the device takes a few minutes to lock in on the satellite signal, after which your true location will be shown.

9. **I can't get power on my car adapter.** If you can get power on the 110V cable but not in your car, it is likely that the fuse inside the adapter is blown. Twist to unscrew the cover (the part that sticks into the lighter) and replace the fuse with a fresh one.

10. **My device is making a buzzing noise and is difficult to power up. How can I get the GPS to turn on?** This may occur if the 3100 battery dips below 15%. Follow this procedure to correct the situation:
    1. Remove SD card (by gently pressing the card into the device, it will then spring back out).
    2. Connect the 12v power cord provided with the device while the motor is running in your car.
    3. Press Reset (found on the back of the

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device).
4. Re-insert the SD card (make sure you hear a clicking sound that indicates the SD card was inserted fully).
5. Press reset again. Let the device charge in the car.

Before removing the device from the car you may want to check the battery remaining indicator. To check the battery life press the Menu button on the hardware that will bring you to the start up screen. Press <Settings> and tap the <Battery> tab. This will display a bar that represents your remaining battery life. If the bar appears to be continuously refilling, the battery is charging.

11. **How do I transfer maps onto my device?** The WorldNav 3100 does not require maps to be transferred. All maps and POI's are already pre-loaded onto your device.

12. **What are the differences between the routing preferences?** See section 4.2 of this guide.

13. **How can I route from point A to point B with multiple stops in between?** You will need to first look up the addresses of any stopping points. You can create a route by selecting any of these addresses listed in the History as needed.

14. **May I change the warning sounds?** Yes, you can substitute your own .wav files for any of the

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warning sounds found in the TTWorldNavigator Sounds folder such as reroute, spdBeep sounds. The SpdBeed sound is the one you hear when it's time to turn. Do not change the name of the file, just rename your wav file to the same name as the original file name.

15. **Which entertainment file formats are supported?** Below is a complete listing of supported formats:

Supported file containers
- AVI (*.avi)
- Matroska (*.mkv, *.mka)
- MP4 (*.mp4, *.m4a)
- Ogg Media (*.ogg, *.ogm)
- ASF (*.asf)

Supported audio codecs
- Mpeg 1 Layer III
- Ogg Vorbis
- Musepack
- Windows Media Audio (on Windows Mobile devices)
- AC-3
- AMR
- Adpcm, uLaw

Supported video codecs
- DivX
- XviD
- MPEG4-SP (plus B-frame support)
- MPEG1
- M-JPEG

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